L Number	Hits	Search Text	DB	Time stamp
-	612	345/90	USPAT; US-PGPUB	2002/09/03
_	2	(345/90 and ic) and (master and slave)	USPAT;	2002/09/03
_	128	345/90 and ic	US-PGPUB USPAT;	13:31 2002/09/03
			US-PGPUB	13:36
-	2802	345/87	USPAT; US-PGPUB	2002/09/03 14:37
-	763	345/87 and ((integrated near circuit) or	USPAT; US-PGPUB	2002/09/05 09:28
_	11	ic)   (345/87 and ((integrated near circuit) or	USPAT;	2002/09/03
_	5	ic)) and (master same slave) 5,552,737	US-PGPUB USPAT;	14:28
			US-PGPUB	14:28
_	9	345/87 and (master same slave same (ic or integrated circuit))	USPAT; US-PGPUB	2002/09/03 14:54
-	3681	345/\$.ccls. and (driv\$4 near2 circuit)	USPAT;	2002/09/03
_	7	and (liquid near crystal) (345/\$.ccls. and (driv\$4 near2 circuit)	US-PGPUB USPAT;	14:56   2002/09/03
		and (liquid near crystal)) and ((master and slave) same (ic or (integrated adj	US-PGPUB	15:20
_	5	circuit))) Kim near Jong-Seon	USPAT;	2002/09/03
_	4	"5420600"	US-PGPUB USPAT;	15:21 2002/09/03
_			US-PGPUB	15:24
_	1	"5021775".PN.	USPAT	2002/09/03 15:23
-	1	"4901155".PN.	USPAT	2002/09/03
_	28	4,901,155	USPAT; US-PGPUB	2002/09/03
-	1	"4692760".PN.	USPAT	2002/09/03
_	1	"4500880".PN.	USPAT	2002/09/03 15:30
_	1	"3636553".PN.	USPAT	2002/09/03 15:31
-	13	(seiko near epson near corporation) and (display) and (master and slave)	USPAT;	2002/09/03
-	1	"5805003".PN.	USPAT	2002/09/03 16:10
_	1	"5751279".PN.	USPAT	2002/09/03
_	1	"5729316".PN.	USPAT	2002/09/03 16:10
_	1	"5585816".PN.	USPAT	2002/09/03
-	1	"5508728".PN.	USPAT	2002/09/03
_	1	"5508728".PN.	USPAT	2002/09/03
-	5	"5801674"	USPAT; US-PGPUB	2002/09/03
_	1	"4500880".PN.	USPAT	2002/09/03
_	14	"5021775"	USPAT; US-PGPUB	2002/09/03
_	108	345/51	USPAT; US-PGPUB	2002/09/03
_	8	345/51 and (master and slave)	USPAT; US-PGPUB	2002/09/03
_	4123	(seiko near epson near corporation)	USPAT; US-PGPUB	2002/09/03
_	3	((seiko near epson near corporation) )	USPAT;	2002/09/03
_	4	and (lcd) and (master and slave) "5818409"	US-PGPUB USPAT;	17:27   2002/09/04
			US-PGPUB	13:19

[-	42	(driving near circuit) and (master same	USPAT;	2002/09/04
	-	slave) and lcd	US-PGPUB	13:20
-	5	"5801674"	USPAT;	2002/09/04
	,	HE COOLON DV	US-PGPUB	13:53
-	1	"5689280".PN.	USPAT	13:34
	1	"E 602177" DV	USPAT	2002/09/04
_	1	"5682177".PN.	USPAI	13:37
	1	"5677705".PN.	USPAT	2002/09/04
-	1	3077703 .PN.	USFAI	13:37
1_	1	"5642133".PN.	USPAT	2002/09/04
	_	3042133 .T.W.	051111	13:38
l _	1	"5638088".PN.	USPAT	2002/09/04
	•			13:44
-	1	"5619224".PN.	USPAT	2002/09/04
			İ	13:44
-	1	"5610628".PN.	USPAT	2002/09/04
				13:47
-	1	"5475397".PN.	USPAT	2002/09/04
				13:47
-	64	(seiko near epson) and (lcd near2	USPAT;	2002/09/04
		controller)	US-PGPUB	14:01
-	12	((seiko near epson) and (liquid near	USPAT;	2002/09/04
		crystal) and ((driving near circuit) or	US-PGPUB	14:41
		driver)) and (master and slave)	110000	2002/02/24
-	11	"5726677 <b>"</b>	USPAT;	2002/09/04
1_	633	(soile noon ongen) and (limits area	US-PGPUB	14:35
1 -	823	(seiko near epson) and (liquid near crystal) and ((driving near circuit) or	USPAT; US-PGPUB	2002/09/04
		driver)	US-PGPUB	14.30
1_	3	Fukuda NEAR Masafumi	USPAT;	2002/09/04
	,	TURUUM NEAR MASALUMIL	US-PGPUB	16:01
_	2	964437.ap.	USPAT;	2002/09/04
	_	301137.up.	US-PGPUB	16:01
-	24	hitachi and (liquid near crystal) and	USPAT;	2002/09/04
		((driving near circuit) or driver) and	US-PGPUB	16:33
		(master and slave)		
l -	6	"4896257"	USPAT;	2002/09/04
			US-PGPUB	16:48
] -	47.	Furuhashi near Tsutomu	USPAT;	2002/09/04
			US-PGPUB	16:51
-	3	(Furuhashi near Tsutomu) and master	USPAT;	2002/09/04
	_		US-PGPUB	16:51
-	1	sed1520	USPAT;	2002/09/04
		41503	US-PGPUB	17:18
-	4	sed1503	USPAT;	2002/09/04
1_	1	"5021775".PN.	US-PGPUB USPAT	2002/09/04
	1	JULITY . FM.	OSEKI	18:20
_	1	"5420600" and (microprocessor and master	USPAT;	2002/09/04
		and slave and memory and ic and column	US-PGPUB	18:35
		and line)	10105	
-	1	("5420600" and (microprocessor and master	USPAT;	2002/09/04
	_	and slave and memory and ic and column	US-PGPUB	18:36
		and line)) and (liquid near crystal)	1	
-	1	(("5420600" and (microprocessor and	USPAT;	2002/09/04
		master and slave and memory and ic and	US-PGPUB	18:37
		column and line)) and (liquid near	]	
		crystal)) and address	1	
-	1	"5021775".PN.	USPAT	2002/09/05
	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		09:25
<u> </u> -	1	"4901155".PN.	USPAT	2002/09/05
	, ,	#4602760# PM	Henem	09:25
-	1	"4692760".PN.	USPAT	2002/09/05
i		#4424512# DN	IICDAM	1 1
-	1	"4424513".PN.	USPAT	2002/09/05
1_	1	"3636553".PN.	USPAT	2002/09/05
-	1	3030333 .PM.	OSPAI	09:25
_	5	"3636553"	USPAT;	2002/09/05
l i			US-PGPUB	09:26
			,	

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_	558	345/87 and ((integrated near circuit) or	USPAT;	2002/09/05
	120	ic) and (driv\$3 near2 circuit)	US-PGPUB USPAT;	09:35
-	120	(345/87 and ((integrated near circuit) or ic) and (driv\$3 near2 circuit)) and	US-PGPUB	09:34
		((first and second) near2 electrode)	05 10105	03.31
~	3	"5874933"	USPAT;	2002/09/05
			US-PGPUB	09:34
~	491	345/87 and ((integrated near circuit) or	USPAT;	2002/09/05
	107	ic) and (driv\$3 near circuit) (345/87 and ((integrated near circuit) or	US-PGPUB USPAT;	10:00
-	107	(345/87 and ((integrated hear circuit) of   ic) and (driv\$3 near circuit)) and	US-PGPUB	13:52
		((first and second) near2 electrode)	35 10102	
-	20	345/87 and ((integrated near circuit) or	USPAT;	2002/09/05
		ic) and ((driv\$3 near circuit) same	US-PGPUB	10:02
		((first and second) near2 electrode))		2002/00/05
-	1	"5689280".PN.	USPAT	2002/09/05 11:36
_	1	"5682177".PN.	USPAT	2002/09/05
	_			11:36
-	1	"5642133".PN.	USPAT	2002/09/05
1	_	WE O O T T O A W T T T O T T T T T T T T T T T T T T T		11:36
-	1	"5095304".PN.	USPAT	2002/09/05 11:40
_	0	345/\$ and ((master and slave) near2 ic)	USPAT;	2002/09/05
		and (gray near scale)	US-PGPUB	11:46
-	703	345/\$ and (driv\$4 near circuit) and (gray	USPAT;	2002/09/05
		near scale)	US-PGPUB	14:20
_	279	(345/\$ and (driv\$4 near circuit) and	USPAT;	2002/09/05
		(gray near scale)) and ((integrated near circuit) or ic)	US-PGPUB	14:19
_	29	345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05
		(master and slave))	US-PGPUB	11:50
_	5	(345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05
	F.,	(master and slave))) and (gray adj scale)	US-PGPUB	11:54
_	54	Morozumi near Shinji	USPAT; US-PGPUB	2002/09/05
_	8	"472358"	USPAT;	2002/09/05
			US-PGPUB	11:58
_	81	"4600274"	USPAT;	2002/09/05
	_	#E720007#	US-PGPUB	12:09
-	9	"5739887"	USPAT; US-PGPUB	2002/09/05
_	1	"5420600".PN.	USPAT	2002/09/05
	_			12:21
-	1	"5262881".PN.	USPAT	2002/09/05
		The many District	HCD2T-	12:30
1 -	58	Ito near Akihiko	USPAT; US-PGPUB	2002/09/05 13:57
_	4	(Ito near Akihiko) and (gray near scale)	USPAT;	2002/09/05
	•		US-PGPUB	13:58
-	1	"6151007".PN.	USPAT	2002/09/05
	1	"5760759".PN.	Hebar	14:18   2002/09/05
-		J/00/37 .FN.	USPAT	14:19
-	1	"5644332".PN.	USPAT	2002/09/05
	_			14:19
-	264	345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05
_	30	((first and second) near2 electrode))	US-PGPUB	14:37 2002/09/05
-	38	(345/\$ and ((driv\$4 near circuit) same ((first and second) near2 electrode)))	USPAT; US-PGPUB	14:37
		and ((gray or grey) near scale)		- • • • •
- :	1	"5095304".PN.	USPAT	2002/09/05
		#6061720# DV	IICDAM	14:46
-	1	"5051739".PN.	USPAT	2002/09/05
_	1	"4881066".PN.	USPAT	2002/09/05
	•			14:47
-	3	5420600.URPN.	USPAT	2003/07/31
_	3	5420600.URPN.	USPAT	16:09 2003/07/31
-	3	J420000.URPN.	USPAI	16:12

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_	3	5420600.URPN.	 USPAT	2003/07/31	
1				16:12	

T	Hits	Search Text	DB	Time stamp
L Number	nits	Search Text	l pp	Time Stamp
1	3135	((master primary first main) and (slave	USPAT;	2003/08/06
		secondary second auxiliary)) near (ic	US-PGPUB	09:24
		(integrated adj circuit))		
18	3119	((master primary first) and (slave	USPAT;	2003/08/06
		secondary second)) near (ic (integrated	US-PGPUB	11:47
19	134	adj circuit)) (((master primary first) and (slave	USPAT;	2003/08/06
19	134	secondary second)) near (ic (integrated	US-PGPUB	12:04
		adj circuit))) and lcd		
24	3	5818409.URPN.	USPAT	2003/08/06
				12:00
29	66	lcd and (grayscale or greyscale) and	USPAT;	2003/08/06
		(pulse adj width adj modulation)	US-PGPUB	12:12
30	29		USPAT; US-PGPUB	2003/08/06
		(pulse adj width adj (modulation or modulator))	US-PGPUB	12.12
31	29	, ,	USPAT;	2003/08/06
"		(pulse adj width adj (modulation or	US-PGPUB	13:56
		modulator)))		
32	3	("5489918"   "5748164"   "6295109").PN.	USPAT	2003/08/06
l				13:55
44	2	("5856818"   "6288699").PN.	USPAT	2003/08/06
47	_	(HEAROOLRH   HEZARLOAN   HCCCC1100N   500	Hebam	14:07
47	3	("5489918"   "5748164"   "6295109").PN.	USPAT	2003/08/06 14:08
33	50	345/89.ccls. and lcd and (grayscale or	USPAT;	2003/08/06
33		greyscale)	US-PGPUB	14:09
50	14		USPAT	2003/08/06
ļ		"5414442"   "5465102"   "5583530"		14:11
		"5638091"   "5745087"   "5815128"		
		"5903323"   "6043801"   "6094243"		
		"6154189"   "6184874").PN.		2002/00/05
_	202	345/103.ccls.	USPAT; US-PGPUB	2003/08/05 15:16
_	[	345/103.ccls. and master and slave	USPAT;	2003/08/05
		343/103.ccis. and master and slave	US-PGPUB	13:50
l –	30	( master and slave) near ic	USPAT;	2003/08/05
			US-PGPUB	13:51
-	5	("4677317"   "4970687"   "4984190"	USPAT	2003/08/05
		"5233350"   "5412644").PN.		13:52
-	0	6473059.URPN.	USPAT	2003/08/05
_	6	"5801674"	HCDAM	13:57
-	"	30010/4	USPAT	14:20
_	21	("4679043"   "4795239"   "4816816"	USPAT	2003/08/05
		"4963860"   "5051739"   "5136282"		13:59
		"5218352"   "5250931"   "5376944"		
		"5394166"   "5512915"   "5555001"		
	1	"5563624"   "5574475"   "5585816"		
	1	"5598178"   "5598180"   "5629715"		
_	,	"5703616"   "5798741"   "5801674").PN.	ucnam.	2002/08/05
-	3	"6125286"	USPAT; US-PGPUB	2003/08/05 14:21
-	1	"6177917"	USPAT;	2003/08/05
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	US-PGPUB	14:22
-	18	"5896575"	USPAT;	2003/08/05
			US-PGPUB	15:01
-	1	"5420600".PN.	USPAT	2003/08/05
	_	5.00.000		14:46
j -	3	5420600.URPN.	USPAT	2003/08/05
_	1023	(dienlay near) drive(1) and (master and	USPAT;	14:53 2003/08/05
-	1023	(display near2 driv\$4) and (master and slave)	US-PGPUB	15:02
_	56		USPAT;	2003/08/05
		slave) ) and (select\$4 adj5 (master and	US-PGPUB	15:09
		slave))		
-	16934	(liquid adj crystal) and (driv\$4 near	USPAT;	2003/08/05
	<u> </u>	circuit)	US-PGPUB	15:10

	2057	1 / / 1 1 1 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USPAT;	2003/08/05
-	2257	((select\$4 or set\$4) adj5 (master and	US-PGPUB	15:13
		slave))		
-	21		USPAT;	2003/08/05
		circuit)) and (((select\$4 or set\$4) adj5	US-PGPUB	12:13
		(master and slave)))		0000 100 105
-	1727	345/204	USPAT;	2003/08/05
			US-PGPUB	15:17
-	23	345/204 and 345/103.ccls.	USPAT;	2003/08/05
			US-PGPUB	15:59
-	3	(	USPAT;	2003/08/05
		and slave)	US-PGPUB	16:18
-	8	("5475397"   "5610628"   "5619224"	USPAT	2003/08/05
		"5638088"   "5642133"   "5677705"		16:06
		"5682177"   "5689280").PN.		
-	3	5818409.URPN.	USPAT	2003/08/05
				16:08
-	12	(Nishida near Yasuhiro).in.	USPAT;	2003/08/05
			US-PGPUB	16:20
-	848	(master and slave) adj (ic or mode or	USPAT;	2003/08/05
		driver)	US-PGPUB	17:11
_	140	epson and (lcd adj3 controller)	USPAT;	2003/08/05
			US-PGPUB	17:00
_	18	"5896575"	USPAT;	2003/08/05
			US-PGPUB	17:00
_	27397	((master primary first main) and (slave	USPAT;	2003/08/06
		secondary second auxiliary)) adj (ic	US-PGPUB	11:40
		driv\$3 (integrated adj circuit))		
_	1228679	((master primary first main) and (slave	USPAT;	2003/08/05
		secondary second auxiliary)) and (ic	US-PGPUB	17:24
		driv\$3 (integrated adj circuit))		